

## INTERNATIONAL SEARCH REPORT

nal Application No PCT/EP 00/06561

A CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07C7/12 C07C7/13

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 - C07C

P

1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.			
X	DE 12 62 261 B (BADISCHE ANILIN- & SODA-FABRIK) 7 March 1968 (1968-03-07) claims	1,2,4-6			
X	DE 11 87 603 B (PHILLIPS PETROLEUM COMPANY) 25 February 1965 (1965-02-25) claims	1,2,4-6			
X	DE 11 83 491 B (BADISCHE ANILIN- & SODA-FABRIK) 17 December 1964 (1964-12-17) claims	1,2,4-6			
X	GB 879 506 A (SHELL RESEARCH) 11 October 1961 (1961-10-11)   claims   page 3, line 10 - line 13    -/	1,2,4-10			

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.
*Special categories of cited documents:  *A* document defining the general state of the art which is not considered to be of particular relevance.	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention
citation or other special reason (as specified)  'O' document referring to an oral disclosure, use, exhibition or other means  'P' document published prior to the international filling date but later than the priority date daimed	cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.  *&* document member of the same patent family
Date of the actual completion of the international search	Date of mailing of the international search report
19 October 2000	07/11/2000
Name and malling address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijewijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Van Geyt, J

Form PCT/ISA/210 (second sheet) (July 1992)

## INTERNATIONAL SEARCH REPORT

Inter nal Application No PCT/EP 00/06561

Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT  tegory * Citation of document, with indication, where appropriate, of the relevant passages  Relevant to class				
legory .	Visitori vi vosari vi vi			
	"VERFAHREN ZUR KATALYTISCHEN OLIGOMERISIERUNG VON MONOOLEFINEN" RESEARCH DISCLOSURE, no. 415, November 1998 (1998-11), pages 1445-1451, XP000824939 Havant ISSN: 0374-4353 page 1446 -page 1447	1-6		
	CHEMICAL ABSTRACTS, vol. 105, no. 4, 28 July 1986 (1986-07-28) Columbus, Ohio, US; abstract no. 24768u, page 10; XP002150496 abstract & JP 60 258211 A (MITSUI TOATSU CHEMICALS) 20 December 1985 (1985-12-20)	1-6		
	US 2 909 574 A (R. A. WOODLE) 20 October 1959 (1959-10-20) claims	1-10		
	US 3 242 641 A (E. C. MAKIN JR) 29 March 1966 (1966-03-29) claims	1-6		
	EP 0 395 857 A (HÜLS CHEMISCHE WERKE AG) 7 November 1990 (1990-11-07) claims column 4, line 53 - line 57	1-6		
(	DE 36 12 443 A (ERDÖLCHEMIE GMBH) 22 October 1987 (1987-10-22) claims	1,2,4,5		
X	WO 98 40450 A (AMOCO CORPORATION) 17 September 1998 (1998-09-17) claims page 8, line 21 - line 26	1,2,4-6		
Ρ,Χ	WO 99 59943 A (BP AMOCO CORPORATION) 25 November 1999 (1999-11-25) page 8, line 20 - line 25 claims	1,2,4-6		

## INTERNATIONAL SEARCH REPORT

information on patent family members

Inter and Application No PCT/EP 00/06561

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 1262261	В		NONE	
DE 1187603	В		NONE	
DE 1183491	В		NONE	
GB 879506	A		NONE	
JP 60258211	A	20-12-1985	JP 5050525 B	29-07-1993
US 2909574	A	20-10-1959	NONE	
US 3242641	A	29-03-1966	NONE	
EP 0395857	A	07-11-1990	DE 3914817 A AT 110047 T AU 620987 B AU 5473590 A BG 60554 B BR 9002090 A CA 2015789 A CS 9002220 A DD 294245 A DE 59006810 D ES 2058640 T FI 94623 B HU 54332 A,B JP 2306926 A JP 2726138 B KR 9706883 B NO 178297 B PT 93819 A,B RU 2058976 C US 5177282 A ZA 9003391 A	08-11-1990 15-09-1994 27-02-1992 08-11-1990 28-08-1995 13-08-1991 05-11-1990 15-01-1992 26-09-1991 22-09-1994 01-11-1994 30-06-1995 28-02-1991 20-12-1990 11-03-1998 30-04-1997 20-11-1995 08-01-1991 27-04-1996 05-01-1993
DE 3612443	Α	22-10-1987	NONE	
WO 9840450	A	17-09-1998	US 6080905 A AU 6671598 A EP 0964904 A US 6124517 A	27-06-2000 29-09-1998 22-12-1999 26-09-2000
WO 9959943	Α	25-11-1999	US 6124517 A AU 3668999 A	26-09-2000 06-12-1999